

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 18031 | ((semiconductor or wafer or substrate) near epitaxial)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 07:39 |
| S2    | 10    | ((semiconductor or wafer or substrate) near epitaxial) and "FET" and "InGaP" and "n-type" and temperature and mobility and electron and space\$3 and channel and "MOCVD" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/01/20 14:11 |
| S3    | 189   | epitaxial near9 (substrate or semiconductor or wafer) and "FET" and ("InGaAs" near9 channel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 07:41 |
| S4    | 41    | epitaxial near9 (substrate or semiconductor or wafer) and "FET" and ("InGaAs" near9 channel) and "InGaP" and (electron near9 mobil\$4)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 07:42 |
| S5    | 25    | epitaxial near9 (substrate or semiconductor or wafer) and "FET" and ("InGaAs" near9 channel) and "InGaP" and (electron near9 mobil\$4) and temperature                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 08:10 |
| S6    | 33    | epitaxial near9 (substrate or semiconductor or wafer) and "HEMT" and ("InGaAs" near9 channel) and "InGaP" and (electron near9 mobil\$4) and temperature                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 08:24 |
| S7    | 14    | epitaxial near9 (substrate or semiconductor or wafer) and "HEMT" and ("InGaAs" near9 channel) and "InGaP" and (electron near9 mobil\$4) and (room near4 temperature)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 08:24 |